

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2003-047490

(43)Date of publication of application : 18.02.2003

(51)Int.Cl.

C12N 15/09

C12N 1/21

C12N 9/42

// (C12N 1/21

C12R 1:125)

(C12N 9/42

C12R 1:125)

(21)Application number : 2002-153960

(71)Applicant : KAO CORP

(22)Date of filing : 28.05.2002

(72)Inventor : SAWADA KAZUHIISA

ENDO KEIJI

OZAWA TADAHIRO

TOHATA MASATOSHI

OZAKI KATSUYA

INOUE SHIGEO

(30)Priority

Priority number : 2001160520

Priority date : 29.05.2001

Priority country : JP

(54) HOST MICROORGANISM

(57)Abstract:

PROBLEM TO BE SOLVED: To efficiently produce an objective product (protein) by significantly reducing waste of a culture medium such as reduction in energy loss, production of byproducts, a production speed ratio in producing the product (protein) owing to no spore formation when a microorganism of this invention is used and bringing a term of production to be longer.

SOLUTION: The microorganism is prepared by removing or inactivating one or more genes selected from a group of genes associating with spore formation in middle to post term of spore formation. A method for producing the product (protein) by using the microorganism is provided.

LEGAL STATUS

[Date of request for examination]

07.12.2004

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's]

decision of rejection]

[Date of extinction of right]

